

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rosana Kapeller-Libermann, David White, and Kyle J. MacBeth
 Continuation N/A Group No.: N/A
 Application No.:
 Filed: January 29, 2004 Examiner: N/A
 For: 2786, A NOVEL HUMAN AMINOPEPTIDASE

Mail Stop Patent Application
 Commissioner for Patents
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 Alexandria, VA 22313-1450

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OR

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Practitioner's Docket No. MPI99-193CN2M

- (2) a notice of allowance under Section 1.311, or
- (3) an action that otherwise closes prosecution in the application

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Accompanying this transmittal is the fee set forth in 37 C.F.R. Section 1.17(p) for submission of an information disclosure statement under Section 1.97(c). (\$180.00).

Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. Section 1.97(e)(1).

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January 29, 2004

MILLENNIUM PHARMACEUTICALS, INC.

By Mario Cloutier
Mario Cloutier
Limited Recognition Under 37 C.F.R. §10.9(b)
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INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements;
2. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449);
3. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted (AA, CA-CS)

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

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Sean Hunziker
(type or print name of person certifying)

Date: January 29, 2004

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Practitioner's Docket No. MPI99-193CN2M

Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**Identification of Prior Application in Which Listed Information Was Already Cited
and for Which No Copies Are Submitted or Need Be Submitted**

This application relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 10/056,253, filed on January 24, 2002.

The cited references were submitted to, and/or cited by, the Office in the prior application(s) and, therefore, are not required to be provided in this application. However, the undersigned will provide additional copies upon request.

January 29, 2004

Respectfully submitted,
MILLENNIUM PHARMACEUTICALS, INC.

By: Mario Cloutier
Mario Cloutier
Limited Recognition Under 37 C.F.R. §10.9(b)
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PTO/SB/08A (10-96)

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Substitut for form 1449A/PTO				C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not yet Assigned
				Filing Date	January 29, 2004
				First Named Inventor	Rosana Kapeller-Libermann, et al.
				Group Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	1	Attorney Docket Number	MPI99-193CN2M

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ (if known)				

Examiner Signature		Date Considered	

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¹Unique citation design number. ²S attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japan's patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not yet Assigned
				Filing Date	January 29, 2004
				First Named Inventor	Rosana Kapeller-Libermann, et al.
				Group Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	2	Attorney Docket Number	MPI99-193CN2M

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.				T ²
	CA	BLAST searches in DBEST, NRN, NRP and PATENT Databases				
	CB	Annotation on GenBank Accession No. U49278				
	CC	Anderson, "Human Gene Therapy," <i>Nature</i> , April 30, 1998, Vol. 392 Supp., pp. 25-30				
	CD	Beattie et al., Abstract, "The Use of Multiple Pin Peptide Synthesis in an Analysis of the Continuous Epitopes Recognized by Various Anti-(recombinant bovine growth hormone) Sera," <i>European Journal of Biochemistry</i> , November 15, 1992, pp. 59-66, Vol. 210, No. 1				
	CE	Bloecker et al., Nucleotide and Protein Databases, Direct Submission, EBI UK Accession No. Q9NP17				
	CF	Cadel et al., "Aminopeptidase B from the Rat Testis is a Bifunctional Enzyme Structurally Related to Leukotriene-A ₄ Hydrolase," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, pp 2963-2968, Vol. 94				
	CG	Dedinsky et al., "Antigenic Determinants of Cytochrome P450 Superfamily and Their Classification," 8 th Russia Cytochrome P450 Int. Conf., 1994, Abstract No. 119832				
	CH	Draoui, et al., "Expression and Retinoid Modulation N-arginine Dibasic Convertase and an Aminopeptidase-B in Human Neuroblastoma Cell Lines," <i>Journal of Neuro-Oncology</i> , 1997, pp. 99-106, Vol. 31, No. 12				
	CI	Foulon, et al., "Aminopeptidase B (EC 3.4.11.6)," <i>International Journal of Biochemistry & Cell Biology</i> , July 1999, pp. 747-750, Vol. 31, No. 7				
	CJ	Fukasawa, et al, "Molecular Cloning and Expression of Rat Liver Aminopeptidase B," <i>Journal of Biological Chemistry</i> , November 29, 1996, pp. 30731-30735, Vol. 271, No. 48				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
(use as many sheets as necessary)					
Sheet	2	of	2	Attorney Docket Number	MPI99-193CN2M

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CK	Kristensen, "Human Aminopeptidase B cDNA Cloning," Nucleotide and Protein Sequences, Direct Submission Oct. 2000, EBI UK Accession No. Q9H4A4			
	CL	NCI-CGAP, Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. A1582355			
	CM	NCI-CGAP, Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. AW167220			
	CN	NGO et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , 1994, pp. 491-495			
	CO	Piesse et al., "Human Aminopeptidase B on Chromosome 1q32.2:cDNA, Genomic Structure and Expression," Direct Submission May 1999, EBI UK Accession No. Q9H1D4			
	CP	Rudinger, "Characteristics of the Amino Acids and Components of a Peptide Hormone Sequence," <i>Peptide Hormones</i> , June 1976, pp 5-7/			
	CQ	Sancho, et al., "Role of UEV-1, an Inactive Variant of the E2 Ubiquitin-Conjugating Enzymes, in In Vitro Differentiation and Cell Cycle Behavior of HT-29-M6 Intestinal Mucosecretory Cells," <i>Molecular and Cellular Biology</i> , Jan. 1998, pp. 576-589, Vol. 18, No. 1			
	CR	Sugano, et al., Nucleotide and Protein Sequences, Direct Submission, EBI UK Accession No. AK026644			
	CS	VERMA, et al., "Gene Therapy – Promises, Problems and Prospects," <i>Nature</i> , September 18, 1997, Vol. 389, pp. 239-242			
Examiner Signature		Date Considered			

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